

# **UNIFIED SENSOR-BASED ATTITUDE DETERMINATION AND CONTROL FOR SPACECRAFT OPERATIONS**

## **ABSTRACT OF THE DISCLOSURE**

- 5        Systems and method of attitude determination and control for spacecraft include the use of a unified set of sensors for all phases of space flight. For example, the same set of sensors may be used for on-station operations and transfer orbit operations. The use of a unified set of sensors reduces complexity, spacecraft cost, and spacecraft weight.